

02/25/02

JC9872 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**(Only for new nonprovisional applications under 37
CFR 1.53(b))Attorney Docket No. 1458.TT4763 Total Pages 31
First Inventor or Application Identifier Tse, et al.
Title METHOD AND SYSTEM FOR DOSE CONTROL DURING AN
ION IMPLANTATION PROCESS
Express Mail Label No. EL777885276USJC986 U.S. PTO
10/082567
02/25/02

| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i> | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |
|---|---|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i> | 6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> |
| 2. <input checked="" type="checkbox"/> Specification <i>Total Pages 18</i> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings <i>(if filed)</i>- Detailed Description- Claim(s)- Abstract of the Disclosure | a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies |
| 3. <input checked="" type="checkbox"/> Drawings <i>(35 USC 113) Total Sheets 3</i> | ACCOMPANYING APPLICATION PARTS |
| 4. <input type="checkbox"/> Oath or Declaration <i>Total Pages 2</i> <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application <i>(37 CFR 1.63(d))</i> <i>(for continuation/divisional with Box 16 completed)</i> | 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) |
| 5. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i> | 8. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> |
| | 9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> |
| | 10. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of Statement (IDS)/PTO-1449 IDS Citations |
| | 11. <input type="checkbox"/> Preliminary Amendment |
| | 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> |
| | 13. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 <input type="checkbox"/> Statement filed in Prior Application. Status still proper and desired. |
| | 14. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> |
| | 15. <input checked="" type="checkbox"/> Request & Certification Under 35 U.S.C. 122(b)(2)(B)(i) |
| | 16. <input type="checkbox"/> Other |

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No:

Prior Application Information: Examiner


Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4B, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label 27412or, ☐ Correspondence Address BelowSimon, Galasso & Frantz, PLC
P.O. Box 26503

Austin, Texas 78755-0503

Telephone: 512-336-8957

Facsimile: 512-336-9155

| | | | |
|--|---|------|---------|
| Name and Registration Number (Print/Type) | J. Gustav Larson, Reg. No. 39,263 | | |
| Signature |  | Date | 2-25-02 |

FEE TRANSMITTAL FOR FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 852.00

| | |
|------------------------|-------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Tse, et al. |
| Group Art Unit | |
| Examiner Name | |
| Attorney Docket Number | 1458.TT4763 |

Complete if Known

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

| | |
|------------------------|------------------------------|
| Deposit Account Number | 01-0365 |
| Deposit Account Name | Advanced Micro Devices, Inc. |

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☒ Charge the Issue Fee Set in 37 CFR 1.18 at the mailing of the Notice of Allowance
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. FILING FEE

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------|-----------------------|------------------------|----------|
| 101 740 201 370 | | Utility filing fee | 740.00 |
| 106 330 206 165 | | Design filing fee | |
| 107 510 207 255 | | Plant filing fee | |
| 108 740 208 370 | | Reissue filing fee | |
| 114 160 214 80 | | Provisional filing fee | |

SUBTOTAL (1) (\$) 740.00

2. CLAIMS

| Claims | Extra | Fee from below | Fee Paid |
|---------------|-----------|----------------|----------|
| Total 24 | (-20 =) 4 | 18.00 | 72.00 |
| Indep. 2 | (-3 =) 0 | | |
| Multiple Dep. | | | |

| Large Entity Fee Code | Small Entity Fee Code | Fee Description |
|-----------------------|-----------------------|---|
| 103 18 203 9 | | Claims in excess of 20 |
| 102 84 202 42 | | Independent claims in excess of 3 |
| 104 280 204 140 | | Multiple dependent claim |
| 109 84 209 42 | | Reissue independent claims over original patent |
| 110 18 210 9 | | Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 72.00

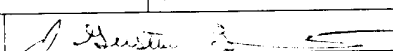
FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Small Entity Fee Code | Fee Description | Fee Paid |
|-----------------------|-----------------------|--|----------|
| 105 130 205 65 | | Surcharge - late filing fee or oath | |
| 127 50 227 25 | | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 139 130 | | Non-English specification | |
| 147 2,520 147 2,520 | | For filing a request for reexamination | |
| 112 920* 112 920* | | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* 113 1,840* | | Requesting publication of SIR after Examiner action | |
| 115 110 215 55 | | Extension for reply within first month | |
| 116 400 216 200 | | Extension for reply within second month | |
| 117 920 217 460 | | Extension for reply within third month | |
| 118 1,440 218 720 | | Extension for reply within fourth month | |
| 128 1,960 228 980 | | Extension for reply within fifth month | |
| 119 320 219 160 | | Notice of Appeal | |
| 120 320 220 160 | | Filing a brief in support of an appeal | |
| 121 280 221 140 | | Request for oral hearing | |
| 138 1,510 138 1,510 | | Petition to institute a public use proceeding | |
| 140 110 240 55 | | Petition to revive - unavoidable | |
| 141 1,280 241 640 | | Petition to revive - unintentional | |
| 142 1,280 242 640 | | Utility issue fee (or reissue) | |
| 143 460 243 230 | | Design issue fee | |
| 144 620 244 310 | | Plant issue fee | |
| 122 130 122 130 | | Petitions to the Commissioner | |
| 123 50 123 50 | | Petitions related to provisional applications | |
| 126 180 126 180 | | Submission of Information Disclosure Stmt | |
| 581 40 581 40 | | Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 740 246 370 | | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 740 249 370 | | For each additional invention to be examined (37 CFR 1.129(b)) | |
| Other fee (specify) | | | |
| Other fee (specify) | | | |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

| | | | |
|---|---|-----------------------------------|---------|
| SUBMITTED BY: Simon, Galasso & Frantz, PLC. | | Complete (if applicable) | |
| Typed or Printed Name | | J. Gustav Larson, Reg. No. 39,263 | |
| Signature |  | Date | 7-25-01 |
| Deposit Account User ID | | | |

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tse, et al.

Examiner:

Serial No:

Art Group:

Filing Date:

Docket No: 1458.TT4763

Title: **METHOD AND SYSTEM FOR DOSE CONTROL DURING AN ION
IMPLANTATION PROCESS**

To the Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL777885276US

Name of Depositor: **Terri Alloway**
(print or type)

Date of Deposit: 2-25-02

Signature: Terri Alloway

I hereby certify that this paper and the items identified below are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. Section 1.10 on the 'Date of Deposit', indicated above, and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Items accompanying this Certificate of Express Mailing:



Filing papers for a new patent application, such filing papers include:



Transmittal cover letter;



Fee Transmittal;



Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)



Assignment agreement with Recordation Form Cover Sheet;



A specification and drawings for a new patent application;



Combined Declaration and Power of Attorney;



Information Disclosure Statement; and



Return upon receipt post card.

| | | |
|--|----------------------|---|
| REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i) | First Named Inventor | Tse, et al. |
| | Title | METHOD AND SYSTEM FOR DOSE CONTROL DURING AN ION IMPLANTATION PROCESS |
| | Atty Docket Number | 1458.TT4763 |

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. However, the Applicant retains the option to rescind this request at any time. I hereby request that the attached application not be published under 35 U.S.C. 122 (b).

02-25-04
Date


Signature

J. Gustav Larson, Reg. No. 39,263
Typed or Printed Name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published at eighteen months from the earliest claiming filing date for which a benefit is claimed.

If Applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the Applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**